BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT43733

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/05/2020-21, Date:27-07-2020

Name of Work:-1) Providing Pathway Lighting to CQAL Layout Park in Ward No 08.
2) Development of Lawn in CQAL Layout Park in Ward No 08

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B. Chandrashekar	
				In Figures	In Words
1	11	Fabricating, supplying and erection of ...Mtrs long hot dip **Galvanized Octagonal pole** with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding foundation) as per drawing appended.3 meters - Top 70mm and bottom 130mm dia	Nos	5360.00	Rupees Five Thousand Three Hundred Sixty Only
2	11	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output.Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB . LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Post Top Lantern with 35 watts	Nos	6400.00	Rupees Six Thousand Four Hundred Only
3	230	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs	150.00	Rupees One Hundred Fifty Only
4	230	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.6 sqmm to 16 sqmm	Mtrs	11.88	Rupees Eleven and Eighty Eight Paise Only
5	150	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	Mtrs	76.00	Rupees Seventy Six Only

Signature of the contractor

Executive Engineer

Sl. No	Approved Qty.	Description	Unit	Approved Tender Rates of B. Chandrashekar	
				In Figures	In Words
6	80	Wiring for lighting/power circuit using one of **FRLS** PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm	Mtrs	20.50	Rupees Twenty and Fifty Paise Only
7	8	10 sqmm	Mtr.	115.00	Rupees One Hundred Fifteen Only
8	11	Providing Rcc Pole pedstal of Size 0.3x0.3x0.8 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete as per the data sheet enclosed	Nos	1695.00	Rupees One Thousand Six Hundred Ninety Five Only
9	2	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	No	2999.70	Rupees Two Thousand Nine Hundred Ninety Nine and Seventy Paise Only
10	70000	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG	Sqcms	0.35	and Thirty Five Paise Only
11	16	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Nos	255.00	Rupees Two Hundred Fifty Five Only
12	2	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100 to 125Amps	Nos	7200.00	Rupees Seven Thousand Two Hundred Only
13	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 Amps DP	Nos	1336.00	Rupees One Thousand Three Hundred Thirty Six Only
14	7	Supplying and Fixing of. mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.Pipe	Nos	835.00	Rupees Eight Hundred Thirty Five Only
15	2	Supplying and fixing of Microproccessor Based Astronomical timer switch with using necessary bolts, nuts and washers,	Nos	4030.00	Rupees Four Thousand Thirty Only
16	650	a) Developing hedges by digging trenches of size 0.45x0.45m filing 50% of the trench with excavted top soil and remaining (0.0224 Cum) (i.e.in the proportion of 1:2:3) Exclusive of cost plants and inclusive ingredients.	Rmt	195.00	Rupees One Hundred Ninety Five Only
17	650	b) Cost of plants (7 plants per rmt)	Rmt	210.00	Rupees Two Hundred Ten Only
18		**Supplying & Planting of specimen plants**			

Signature of the contractor

Executive Engineer

Executive Engine

Sl. No	Approved Qty.	Description	Unit	Approved Tender Rates of B. Chandrashekar	
				In Figures	In Words
18a)	37	a) Digging pits size 0.75mx0.75mx0.75 filling up to 50% the pits with top excavated soil and remainging 50% with sand, Fym, Red earth (0,021 Cum) (ie in the proportion of 1:2:3) and **Ficus Ponda** (90cm-150cm ht) including cost of plant, materials, transporation and handling & planting cost)	Each	2500.00	Rupees Two Thousand Five Hundred Only
18b)	36	b) Diging pits size 0.75mx0.75mx0.75 filling up to 50% the pits with top excavated soil and remainging 50% with sand, Fym, Red earth (0,021 Cum) (ie in the proportion of 1:2:3) and **Ficus Benamina Black** (90cm-150cm ht) including cost of plant, materials, transporation and handling & planting cost)	Each	2500.00	Rupees Two Thousand Five Hundred Only

Signature of the Contractor

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Executive Engineer,
Byatarayanapura Division,
BBMP, Bangalore.